

CLAIMS

1. Connector fitting (1) for fixing a longitudinal body, for example, a cable, a hose, a pipe, a corrugated hose, or the like, to an opening, especially to an opening or a perforation in a housing wall, wherein the connector fitting (1) comprises a chuck (2), which penetrates the opening in a position of use and is provided with slits that extend generally in an axial direction, said chuck comprising a thread located on a section, which is arranged and remains in front of the opening, wherein the chuck radially expands outwards in an insertion direction behind the opening into a clamping region containing the slits, and can be tightened on an outer side or in front of the opening of the housing by the thread and a matching tensioning nut (3), such that the clamping region can be directly or indirectly, at least partially, withdrawn into the opening and thus braced against the longitudinal body, wherein the tensioning nut (3) comprises an abutment (4a, 4b) acting in the axial direction and the chuck (2) comprises a counter-abutment (5a, 5b, 5c, 5d) adjacent to the thread section and the counter-abutment (5a, 5b, 5c, 5d) exerts pressure on the abutment (4a, 4b) in a released position of the chuck (2).
2. Connector fitting according to Claim 1, wherein a region of the chuck (2) bearing the counter-abutment (5a, 5b, 5c, 5d) covers the abutment (4a, 4b) of the tensioning nut (3) in the axial direction on a side facing away from the housing.
3. Connector fitting according to Claim 1 or 2, wherein the tensioning nut (3) comprises adjacent the threads in the axial direction a sleeve-like extension (3a), within which the radially inwardly extending abutment (4a, 4b) is arranged.
4. Connector fitting according to one of Claims 1-3, wherein the abutment (4a, 4b) is arranged at an end of the internal thread of the tensioning nut (3) between the thread region and the sleeve-like extension (3a).

5. Connector fitting according to one of Claims 1-4, wherein an axial dimension of the sleeve-like extension (3a) is at least as large as an axial displacement path when the chuck (2) is tightened or larger and that the counter-abutment (5a, 5b, 5c, 5d) located on the chuck (2) is also arranged for a tightened tensioning screw (2) of tensioning nut (3) within the sleeve-like extension (3a).

6. Connector fitting according to one of Claims 1-5, wherein the counter-abutment is arranged on an end of the chuck (2) facing away from a tensioning region and is an annular piece (5b), which is connected to the chuck and which axially covers the abutment (4b) of the tensioning nut (3) in a position of use, said annular piece extending over at least a part of a circumference of the chuck (2) and the abutment (4b).

7. Connector fitting according to Claim 6, wherein the counter-abutment formed as annular piece (5b) is connected integrally with the chuck (2) or as a separate part, especially a sealing ring or O-ring, inserted into a groove (5d) at an end of the chuck (2).

8. Connector fitting according to one of Claims 1-7, wherein the counter-abutment on the chuck (2) comprises at least one finger (5a) extending radially over an outer circumference thereof and especially projecting tangentially and that on the abutment (4b) of the tensioning nut (3) covering it in the position of use, a projection (4a) is provided extending in the axial direction, said projection contacting the finger (5a) in a circumferential direction for blocking rotational motion.

9. Connector fitting according to one of Claims 1-8, wherein the counter-abutment formed as finger (5a) is elastic and can be deflected for contact on the abutment projection (4a) elastically up to an inner wall of the sleeve-like extension (3a).

10. Connector fitting according to one of Claims 1-9, wherein the finger (5a) used as the counter-abutment and extending diagonally or tangentially stands against a relative rotational direction of the outer thread of the chuck (2).

11. Connector fitting according to one of Claims 1-10, wherein the projection (4a) standing at a distance opposite the abutment in the axial direction is arranged at a diameter, which is smaller than a diameter of the circle, at which an outer free end of the abutment finger (5a) is located.

12. Connector fitting according to one of Claims 1-11, wherein a contact side of the projection (4a) extends steeply, especially somewhat axially, and a border of the projection (4a) facing away from the contact side extends diagonally.

13. Connector fitting according to one of Claims 1-12, wherein between the chuck (2) and the perforation edge there is a similarly slotted connecting piece (7), which can be expanded by means of chuck (2) and which engages behind the perforation on an inside with retaining projections (7a), where force can be exerted on an inside of the connecting piece by an outer side of the chuck (2).

14. Connector fitting according to one of Claims 1-13, wherein the connecting piece (7) engaging behind the perforation on the inside with retaining projections (7a) is connected to the tensioning nut (3) by screw connection for adapting to various wall thickness values.

15. Connector fitting according to one of Claims 1-14, wherein an opening of the sleeve-like extension (3a) is closed on a side facing away from the housing by a seal (8), which comprises an opening for the longitudinal body.

16. Connector fitting according to one of Claims 1-15, wherein at least one of the clamping fingers (9) of the chuck (2) comprises a pushing element (10) formed

SMB-PT114
(PC03 214MUS)

on an outer side, said pushing element preventing co-rotation of the chuck (2) with the tensioning nut (3) through intermeshing with the slits (11) of the connecting piece (7) when the chuck (2) is tightened.